

IN THE CLAIMS

Please cancel claims 1-13, all of the claims in the subject U.S. application, as filed, as constituted by the verified translation of PCT/DE2003/002466. Please add new claims 14-27, as follows.

Claims 1-13 (Cancelled)

14. (New) A device for inspecting material comprising:

a sensor device;

an illumination device;

at least first and second light sources in said illumination device;

a first inspection light of a first color emitted by said first light source, and a second inspection light of a second color emitted by said second light source, said first and second colors being different;

at least first and second color channels in said sensor device, each of said at least first and second color channels being matched to said first and second inspection lights emitted from said first and second light sources, said at least first and second color channels receiving said first and second inspection lights that are at least one of passed through and reflected by the material; and

an evaluation device adapted to process image content of each of said at least first and second color channels.

15. (New) The device of claim 14 wherein said at least first and second inspection lights emitted by said at least first and second light sources of said illumination device, after one of passing through and being reflected by the material, are recorded together

by said sensor device and separately evaluated in said evaluation device.

16. (New) The device of claim 14 wherein each of said at least first and second inspection lights are each a substantially monochrome light color.

17. (New) The device of claim 14 wherein at least one of said spectral position and bandwidth of each said inspection light is matched to a transmission curve of said sensor device.

18. (New) The device of claim 14 wherein said sensor device is a color line camera.

19. (New) The device of claim 14 wherein said sensor device is a CCD camera.

20. (New) The device of claim 14 wherein said sensor device has first, second and third color channels, wherein said illumination device has first, second and third light sources and wherein each first, second and third light sources emit first, second and third inspection lights matched to properties of said first, second and third color channels.

21. (New) The device of claim 14 wherein said at least first and second light source are arranged at first and second different positions relative to the material.

22. (New) The device of claim 21 wherein said at least first and second light sources are each displaceable.

23. (New) The device of claim 14 wherein at least one of said at least first and second inspection lights passes through the material and another of said at least first and second inspection lights is reflected by the material.

24. (New) The device of claim 14 wherein at least one of said at least first and second inspection lights is reflected by the material at a first angle and at least a second of said at least first and second inspection lights is reflected by the material at a

second angle.

25. (New) A method for inspecting material including:

- providing a sensor device;

- providing an illumination device;

- providing at least first, second and third light sources in said illumination device;

- directing first, second and third inspection lights from said first, second and third light sources, said first, second and third inspection lights having first, second and third differently colored lights;

- providing at least first, second and third color channels in said sensor device and being matched to said first, second, and third inspection lights;

- providing an evaluation unit for separately evaluating said first, second and third color channels;

- reflecting a first one of said inspection lights, at a surface of the material, from said first light source to said first color channel of said sensor device;

- reflecting a second one of said inspection lights, at a surface of the material, from said second light source to said second color channel of said sensor device;

- passing a third one of said inspection lights through the material from said third light source to said third color channel of said sensor device; and

- using said first and said second reflected inspection lights and said third passed through inspection light for simultaneously and separately performing two incident light inspections and one transmitted light inspection on said material.

26. (New) The device of claim 14 wherein the material is a printed product including image information.

27. (New) The method of claim 25 further including providing the material as a printed product including image information.